

January:

23th: 12 pm- 3 pm

24th: 10 am -1 pm

25th: 12 pm- 3 pm

26th: 10 am -1 pm

Designing a building to scale: In January, students will discover what it takes to design a building and the interior space to scale. After making their own ruler, students will be challenged to design their own museum blueprint using the correct scale.

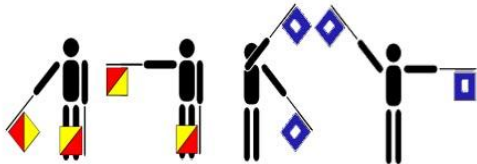
February:

13th: 12 pm- 3 pm

14th: 10 am -1 pm

15th: 12 pm- 3 pm

16th: 10 am -1 pm



How do you send silent and coded messages in the military? Students will learn the history of Semaphore, a communication method used to send messages from ship to ship and ship to shore. Students will make their own Semaphore flags to take home and practice sending messages!

March:

14th: 12 pm- 3 pm

15th: 10 am -1 pm

26th: 12 pm- 3 pm

27th: 10 am -1 pm

PLEASE NOTE DATE CHANGES! Naval Criminal Investigative Services: What happens when a crime is committed in the Navy? Students will learn how NCIS uncovers evidence and fingerprints suspects. Participating families will be turned into “investigative teams” to solve a “crime” in the museum!

April:

16th: 12 pm- 3 pm

17th: 10 am -1 pm

18th: 12 pm- 3 pm

19th: 10 am -1 pm

Crew Safety! How do you protect pilots from injury if their plane crashes or they must eject? Students will learn about crew systems, which keep our pilots safe in the event of an emergency. Participants will construct an egg drop vehicle and test the strength to see if their “pilot” will survive the fall.

May:

14th: 12 pm- 3 pm

15th: 10 am -1 pm

16th: 12 pm- 3 pm

17th: 10 am -1 pm

Hull Design: Why are the fronts of Navy ships pointed, but submarines are round? Hull designs are constantly being tested and redesigned to ensure maximum displacement and speed. Students will design their own ship hull and test its effectiveness in the water.

June:

4th: 12 pm- 3 pm

5th: 10 am -1 pm

6th: 12 pm- 3 pm

7th: 10 am -1 pm

Things that go zoom! Students will investigate energy and Newton’s three laws of motion and how they apply to rocket technology. Students will then construct and launch a solid fuel rocket!